

ABSTRACT OF THE DISCLOSURE:

A sash window hinge for pivotally connecting a window having a window sash to a window frame. The window hinge includes an elongated track having a track base wall attachable to the window frame. The track also includes a track flange extending from at least a portion of a base wall first longitudinal edge. The track flange defines a flange retaining section. The window hinge also includes an elongated sash arm attachable to the window sash and a carriage component pivotally attached to the sash arm. The carriage component is mounted on the base wall in a carriage operational configuration for slidable movement along the track longitudinal axis between an open window position and a closed window position while being guided by the track flange and retained by the flange retaining section. The window hinge further includes a support arm for pivotally linking the sash arm and the track. A securing structure other than the flange retaining section extends between the track base wall and the carriage component for maintaining the carriage component in the carriage operational configuration. The securing structure prevents the carriage component from being separated from the flange retaining section when pressure is exerted on the window.